## **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/594,291
Source:	IFWP.
Date Processed by STIC:	10/06/2006
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## ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 10/06/2006 PATENT APPLICATION: US/10/594,291 TIME: 10:47:14

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Output Set: N:\CRF4\10062006\J594291.raw

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3 <110> APPLICANT: Auckland UniServices Limited
             Langley, Ries
              Fraser, John
      7 <120> TITLE OF INVENTION: SET1 Proteins and Uses Therefor
     9 <130> FILE REFERENCE: SHR504430/142
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/594,291
C--> 11 <141> CURRENT FILING DATE: 2006-09-25
     11 <150> PRIOR APPLICATION NUMBER: AU2004901570
     12 <151> PRIOR FILING DATE: 2004-03-24
     14 <160> NUMBER OF SEQ ID NOS: 13
    16 <170> SOFTWARE: PatentIn version 3.1
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    20 <212> TYPE: PRT
    21 <213> ORGANISM: Staphylococcus aureus subsp. NCTC8325
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    33 Lys Gln Glu Arg Val Gln His Leu His Asp Ile Arg Asp Leu His Arg
                                    40
    37 Tyr Tyr Ser Ser Glu Ser Phe Glu Tyr Ser Asn Val Ser Gly Lys Val
                                55
    41 Glu Asn Tyr Asn Gly Ser Asn Val Val Arg Phe Asn Pro Lys Asp Gln
                            70
                                                75
    45 Asn His Gln Leu Phe Leu Leu Gly Lys Asp Lys Glu Gln Tyr Lys Glu
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    49 Gly Leu Gln Gly Gln Asn Val Phe Val Val Gln Glu Leu Ile Asp Pro
    53 Asn Gly Arg Leu Ser Thr Val Gly Gly Val Thr Lys Lys Asn Asn Lys
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                                    120
    57 Thr Ser Glu Thr Asn Thr Pro Leu Phe Val Asn Lys Val Asn Gly Glu
                                135
    61 Asp Leu Asp Ala Ser Ile Asp Ser Phe Leu Ile Gln Lys Glu Glu Ile
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                                                155
    65 Ser Leu Lys Glu Leu Asp Phe Lys Ile Arg Gln Gln Leu Val Asn Asn
                        165
                                            170
    69 Tyr Gly Leu Tyr Lys Gly Thr Ser Lys Tyr Gly Lys Ile Ile Ile Asn
                                        185
    73 Leu Lys Asp Glu Asn Lys Val Glu Ile Asp Leu Gly Asp Lys Leu Gln
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    77 Phe Glu Arg Met Gly Asp Val Leu Asn Ser Lys Asp Ile Arg Gly Ile
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104 Tyr Tyr Ser Ser Glu Ser Phe Glu Tyr Ser Asn Val Ser Gly Lys Val
105
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108 Glu Asn Tyr Asn Gly Ser Asn Val Val Arg Phe Asn Pro Lys Asp Gln
112 Asn His Gln Leu Phe Leu Leu Gly Lys Asp Lys Glu Gln Tyr Lys Glu
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116 Gly Leu Gln Gly Gln Asn Val Phe Val Val Gln Glu Leu Ile Asp Pro
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120 Asn Gly Arg Leu Ser Thr Val Gly Gly Val Thr Lys Lys Asn Asn Lys
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                                120
124 Thr Ser Glu Thr Asn Thr Pro Leu Phe Val Asn Lys Val Asn Gly Glu
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128 Asp Leu Asp Ala Ser Ile Asp Ser Phe Leu Ile Gln Lys Glu Glu Ile
132 Ser Leu Lys Glu Leu Asp Phe Lys Ile Arg Gln Gln Leu Val Asn Asn
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136 Tyr Gly Leu Tyr Lys Gly Thr Ser Lys Tyr Gly Lys Ile Ile Ile Asn
                                    185
140 Leu Lys Asp Glu Asn Lys Val Glu Ile Asp Leu Gly Asp Lys Leu Gln
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167 Lys Gln Glu Arg Val Gln His Leu Tyr Asp Ile Lys Asp Leu Tyr Arg
168
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Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\10062006\J594291.raw

266 Ser Leu Lys Glu Leu Asp Phe Lys Ile Arg Lys Gln Leu Val Glu Lys 267 165 170 270 Tyr Gly Leu Tyr Lys Gly Thr Thr Lys Tyr Gly Lys Ile Thr Ile Asn 185 274 Leu Lys Asp Glu Lys Lys Glu Val Ile Asp Leu Gly Asp Lys Leu Gln 195 200 278 Phe Glu Arg Met Gly Asp Val Leu Asn Ser Lys Asp Ile Gln Asn Ile 215 282 Ala Val Thr Ile Asn Gln Ile 283 225 286 <210> SEQ ID NO: 5 287 <211> LENGTH: 231 288 <212> TYPE: PRT 289 <213> ORGANISM: Staphylococcus aureus subsp. aureus MW2 291 <400> SEQUENCE: 5 293 Met Lys Leu Lys Thr Leu Ala Lys Ala Thr Leu Ala Leu Gly Leu Leu 297 Thr Thr Gly Val Ile Thr Ser Glu Gly Gln Ala Val Gln Ala Lys Glu 301 Lys Gln Glu Arg Val Gln His Leu Tyr Asp Ile Lys Asp Leu His Arg 302 35 40 305 Tyr Tyr Ser Ser Glu Ser Phe Glu Phe Ser Asn Ile Ser Gly Lys Val 55 309 Glu Asn Tyr Asn Gly Ser Asn Val Val Arg Phe Asn Gln Glu Asn Gln 70 313 Asn His Gln Leu Phe Leu Ser Gly Lys Asp Lys Asp Lys Tyr Lys Glu 85 317 Gly Leu Glu Gly Gln Asn Val Phe Val Val Lys Glu Leu Ile Asp Pro 100 105 321 Asn Gly Arg Leu Ser Thr Val Gly Gly Val Thr Lys Lys Asn Asn Gln 322 . 115 120 325 Ser Ser Glu Thr Asn Thr Pro Leu Phe Ile Lys Lys Val Tyr Gly Gly 135 329 Asn Leu Asp Ala Ser Ile Glu Ser Phe Leu Ile Asn Lys Glu Glu Val 150 155 333 Ser Leu Lys Glu Leu Asp Phe Lys Ile Arg Gln His Leu Val Lys Asn 165 170 337 Tyr Gly Leu Tyr Lys Gly Thr Thr Lys Tyr Gly Lys Ile Thr Phe Asn 180 185 341 Leu Lys Asp Gly Glu Lys Gln Glu Ile Asp Leu Gly Asp Lys Leu Gln 200 345 Phe Glu His Met Gly Asp Val Leu Asn Ser Lys Asp Ile Gln Asn Ile 210 215 349 Ala Val Thr Ile Asn Gln Ile 350 225 353 <210> SEQ ID NO: 6 354 <211> LENGTH: 201 355 <212> TYPE: PRT 356 <213> ORGANISM: S.aureus

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VERIFICATION SUMMARYDATE: 10/06/2006PATENT APPLICATION: US/10/594,291TIME: 10:47:15

Input Set : A:\PTO.RJ.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date